

Railway Age

August 1987

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...for the new age of railways

THE ARCHITECTS OF CHANGE:

Conrail's
L. Stanley Crane

"Railroads
must create
a cohesive
inter-regional
rail network..."

Brendan McNally
Congressional Info Service CIS
4520 East-West Highway
Bethesda MD 20814-3389
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1987 Directory of Contract Car
and Locomotive Repair Shops

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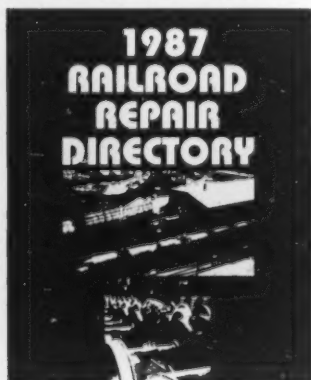
Features

29 The architects of change: L. Stanley Crane

Conrail's chairman and CEO says the industry needs to create a cohesive inter-regional network—"a near duplication on the rails of the interstate highway system."

RD-1 1987 Railroad Repair Directory

Railway Age's exclusive guide to freight-car and locomotive contract repair shops in the U.S. and Canada, with a description of the work that each is prepared to perform.



35 Bridging the equipment gap

Used vs new, lease vs buy were the big topics at the Railway Age/Irving Trust Co. Financial Conference on Equipment. Consensus: There will be more leasing of used cars and locomotives.

39 What's new in coatings?

The pace of innovation has quickened as equipment owners and coatings suppliers seek to comply with regulations aimed at reducing health and environmental hazards.

45 CP Rail moves toward ATCS

Already producing "spectacular" results is the first building block—a Computer Aided Manual Block System—as CP works with C&S suppliers on other ATCS components.

49 California: Back on track

A spirited revival of light rail that began in San Francisco has now spread to four other cities in "the Freeway State"—San Diego, Sacramento, San Jose, Los Angeles.



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Market Outlook

Facilities

BART: Received an \$8-million grant from the Urban Mass Transportation Administration to be applied to the \$14.9-million cost of a new wayside train control system that is to be completed in the summer of 1989.

CN Rail: Is acquiring two new 100,000-pound, SSB-100 straddle cranes from Marathon LeTourneau for use at its Montreal intermodal facility.

Indiana Rail Road: Will spend more than \$1 million on a track rehabilitation program that will include relaying of 7.3 miles of rail, installation of more than 2,000 crossties and 10,000 pounds of ballast, and surfacing of 40 miles.

Los Angeles County Transportation Commission: Awarded a \$24.8 million contract to Morrison-Knudsen for the construction of overpasses at four locations along the 21.5-mile route of LACTC's Long Beach-Los Angeles rail line.

PATH: Directors authorized construction of a \$205-million car maintenance shop and yard at Harrison, N.J., to replace a 77-year-old facility at Jersey City. Scheduled for completion in 1990, the new facility will comprise a 207,000 square foot maintenance and repair shop and associated support and lay-up yards. Also approved were installation of two new stairways and two new escalators at the World Trade Center terminal at a cost of \$7.8 million; and award of a \$778,000 contract to BBC Brown Boveri for the supply of four ac/dc electrical conversion packages for two substations in New Jersey.

Stockholm Metro: Awarded a contract to SEL Canada in cooperation with Standard Radio & Telefon AB for the supply of a passenger information system. The contract also calls for a study of ways to modernize the Stockholm Metro control center. SEL Canada is the supplier of the SELTRAC system which controls Vancouver's SkyTrain.

VIA Rail: Will begin construction of a \$22-million (Canadian) maintenance facility in Vancouver, B.C., this fall. VIA will also invest \$7 million in an equipment shop in Winnipeg, Man.

Revenue freight carloadings

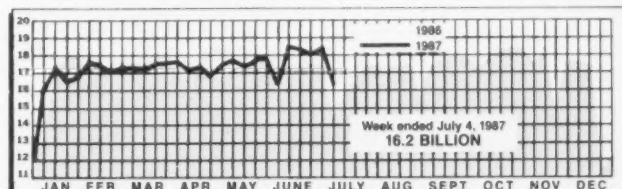
Commodity	June 13 week	June 20 week	June 27 week	July 4 week
Grain	33,308	33,228	34,688	29,620
Other farm products	5,354	6,517	4,381	4,133
Metallic ores	18,103	18,362	16,035	17,630
Coal	115,710	115,937	117,180	81,376
Crushed stone, gravel and sand	14,920	13,898	16,399	13,784
Nonmetallic minerals	10,031	9,409	10,032	8,198
Grain mill products	11,365	10,794	10,825	9,324
Food and kindred products	10,642	10,708	10,661	9,685
Primary forest products	10,769	10,421	10,630	9,311
Lumber and wood products except furniture	8,637	8,600	9,252	7,448
Pulp, paper and allied products	12,204	12,333	13,009	11,981
Chemicals and allied products	26,035	24,993	25,703	23,693
Petroleum products	5,026	5,054	4,982	4,448
Stone, clay and glass products	11,176	10,546	10,632	9,988
Coke	4,527	5,548	5,576	5,074
Metals and products	8,688	8,814	8,728	9,004
Motor vehicles and equipment	21,394	20,004	17,827	12,736
Waste and scrap materials	8,923	8,841	8,307	7,065
Forwarder and shipper assn. traffic	2,882	2,666	2,890	2,924
All other carloads	76,418	75,375	77,934	70,115
LCL traffic	86	98	106	83
Total Cars Loaded	416,198	412,146	415,777	347,620
% change from previous year	5.4	4.7	5.5	19.9
Estimated revenue ton-miles (billions)	18.3	18.1	18.4	16.2
% change from previous year	8.3	6.0	7.2	15.3
Total:		1987	1986	% change
27 weeks		462.0	448.6	3.0

Piggyback loadings

	June 13 week	June 20 week	June 27 week	July 4 week
Trailers/containers	101,481	100,570	103,914	94,357
Cumulative total, 27 weeks				
Trailers/containers		2,604,505		3.7
% change from 1986				

Rail freight traffic trends

Billion ton-miles (Estimated)



Source: Association of American Railroads

Freight cars

	DELIVERED		ORDERED		ON ORDER AND UNDELIVERED	
	2nd quarter 1987	2nd quarter 1986	2nd quarter 1987	2nd quarter 1986	July 1 1987	July 1 1986
Built new by carbuilders	3,198	2,433	4,780	3,315	5,432	4,257
Rebuilt	0	0	0	25	0	25
TOTAL	3,198	2,433	4,780	3,340	5,432	4,282
Locomotives (new and rebuilt)	39	141	N/A	N/A	7	144

Source: Transportation Div., AAR and American Railway Car Institute